

SEQUENCE LISTING

<110> Pankewycz, Oleh

<120> Novel Human Gene with Immunoregulatory and Anti-Proliferative Properties

<130> 11520.0352

<150> US 60/452,780

<151> 2003-03-07

<160> 16

<210> 1

<211> 240

<212> DNA

<213> Homo sapiens

<220>

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atttattttt gagttatatt ctgattacag tgctccctct cccaaatagc 150  
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ctttggtaca tttctctctt ctggatgcc a tgcagcttaa 240

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<211> 79

<212> PRT

<213> Homo sapiens

<220>

<400> 2

Met Thr Arg Ile Asp Thr Cys Ala Cys Ala Arg Val  
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Cys Val Cys Val Phe Ile Cys Leu His Val Asp Gln  
15 20  
Phe Leu Leu Glu Asn Asn Leu Leu Tyr Asp Leu Phe  
25 30 35  
Trp Ser Tyr Ile Leu Ile Thr Val Leu Pro Leu Pro  
40 45  
Asn Ser Ile Asp Phe Phe Pro Pro Leu Lys Cys Ile  
50 55 60  
Ile Trp Ser Gln Val Gly Phe Phe Gly Thr Phe Leu  
65 70  
Ser Ser Gly Cys His Ala Ala  
75

<210> 3

<211> 959

<212> DNA

<213> artificial sequence

<220>

<223> the PRSET DNA vector containing the coding sequence for the P1h.

The coding region of the P1h is from 170-409

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ggtggacagc	aatatgggtcg	ggatctgtac	gacgatgacg	ataaggatcg	150
atggggatcc	gagctcgaga	tgactagaat	cgacacgtgt	gcgtgcgcac	200
gcgtgtgcgt	gtgtgtgttc	atctgtctgc	atgtggatca	atttcttta	250
gaaaataatt	tattgtatga	tttattttgg	agttatattc	tgattacagt	300
gctccctctc	ccaaatagca	ttgattttt	ccccctcta	aaatgtataa	350
tctggctctca	ggttggattc	tttggtacat	ttctctcttc	tggtgccat	400
gcagcttaag	gaagcttgc	ccggctgcta	acaaagcccc	aaaggaagct	450
gagttggctg	ctgccaccgc	tgagaataa	ctagcataac	cccttggggc	500
ctctaaacgg	gtcttgaggg	gtttttgct	gaaaggagga	actatatccg	550
gatctggcgt	aatagcgaag	aggcccgcac	cgatcgccct	tcccaacagt	600
tgcgcagcct	gaatggcgaa	tggacgcgc	cctgttagcgg	cgatttaagc	650
gcggcgggtg	ttgtggttac	gcgcagcgtg	accgctacac	ttgccagcgc	700
cctagcgc	ccgcgtttcg	ctttttccc	ttccttctc	gccacgttcg	750
ccggcttcc	ccgtcaagct	ctaaatcggg	ggctccctt	agggttccga	800
tttagtgctt	tacggcacct	cgacccaaa	aaacttgatt	agggtgatgg	850
ttcacgtagt	gggcacatcgc	cctgatagac	gtttttcgc	ccttgacgt	900
tggagtccac	gttcttaat	agtggactct	tgttccaaac	tggaacaaca	950
ctcaaccct					959

<210> 4

<211> 36

<212> PRT

<213> mus musculus

<220>

<400> 4

Met	Cys	Ala	Cys	Val	Cys	Pro	Ser	Ala	Cys	Ala	Ser
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Val	Ser	Leu	Lys	Asn	Asn	Leu	Leu	Cys	Asp	Phe	Leu
						15					20
Trp	Ser	Phe	Cys	Ser	Gly	Tyr	Ser	Ala	Ala	Pro	Gln
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<210> 5

<211> 600

<212> DNA

<213> homo sapiens

<220>

<400> 5

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tctttgaagc	aattaaaatc	ttccttgcata	actgctgttt	ctttctactc	150
ttgtttctgg	caattttagt	ggttccttct	ctagtggtct	taaatctcat	200
tccactgggt	gcaagatggg	gcctagcctt	ctttcacat	gtctaatttt	250
ttccttctc	atggtgcct	ccatggaagt	cacagtcaac	actgaataaaa	300
tgactagaat	gacacgtgt	cgtgcgcacg	cgtgtgcgtg	tgtgtgttca	350
tctgtctgca	tgtccatcaa	tttcttttag	aaaataattt	attgtatgtat	400
ttatTTTGA	gttatattct	gattacagt	ctccctctcc	caaatacgat	450
tgatTTTTC	ccccctctaa	aatgtataat	ctggtctcag	gttggattct	500
ttggtaCATT	tctctttct	ggatGCCATG	cagcttaatt	aaaaccttgc	550
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<223> PCR primer		
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<223> PCR forward primer		
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<210> 9		
<211> 20		
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<223> PCR reverse primer		
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<210> 10		
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<223> PCR forward primer		
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gcatgggtca gaaggat	17	
<210> 11		
<211> 17		
<212> DNA		
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<220>
<223> PCR reverse primer

<400> 11
ccaatggta tgacctg

<210> 12
<211> 33
<212> DNA
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<220>
<223> PCR primer

<400> 12
ggactcgaga tgactagaat cgacacgtgt gcg 33

<210> 13
<211> 40
<212> DNA
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<220>
<223> PCR primer

<400> 13
tgaaagcttc cttaagctgc atggcatcca gaagagagaa 40

<210> 14
<211> 16
<212> DNA
<213> artificial sequence

<220>
<223> 5' primer for QPCR

<400> 14
agggagcact gtaatc 16

<210> 15
<211> 25
<212> DNA
<213> artificial sequence

<220>
<223> 3' primer for QPCR

<400> 15
tgcatgtgga tcaatttctt ttaga 25

<210> 16
<211> 27
<212> DNA
<213> artificial sequence

<220>
<223> FAM labeled reporter primer

<400> 16
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27

BFLODOCS 904648v1